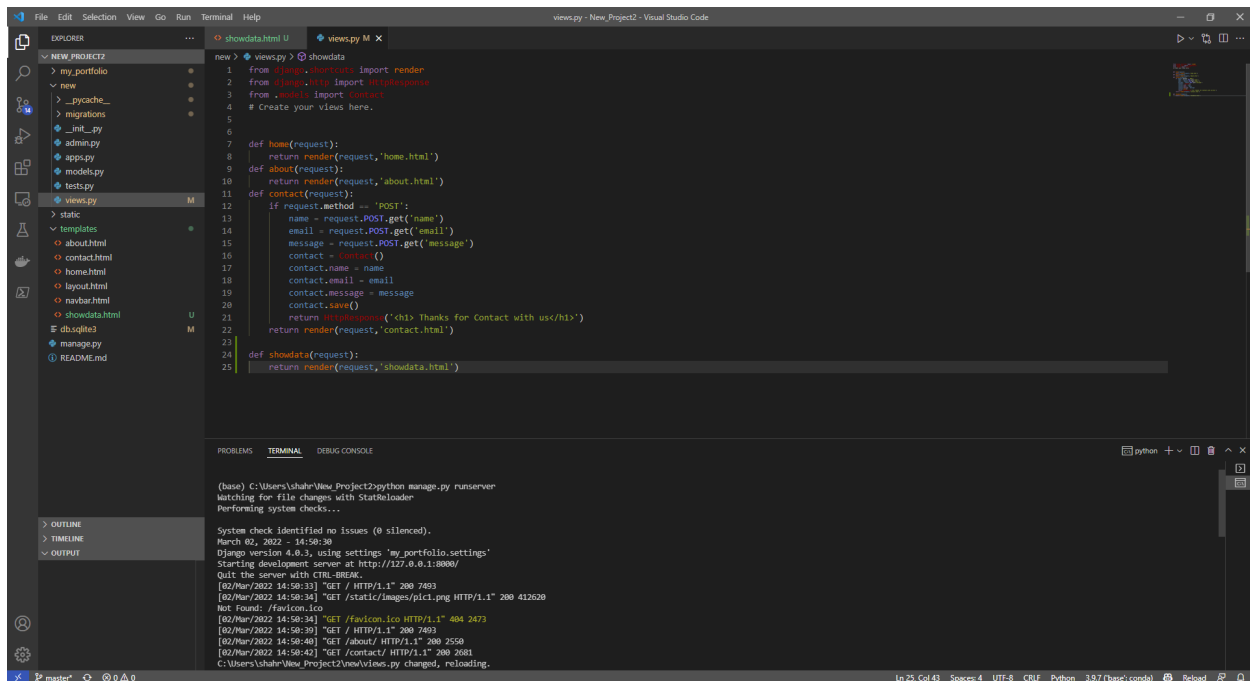


Lab-6

Read & show data

1. We want to retrieve data from the database and show it another web url.
2. We have to create a new html file for our web url.
 - a. Inside the templates folder create a html file called showdata.html
 - b. In this html file we have to take a table. [Click here](#) for html code. Just paste it inside the showdata.html.
3. Then go to **new>views.py** and create a function like below-

```
def showdata(request):  
    return render(request, 'showdata.html')
```



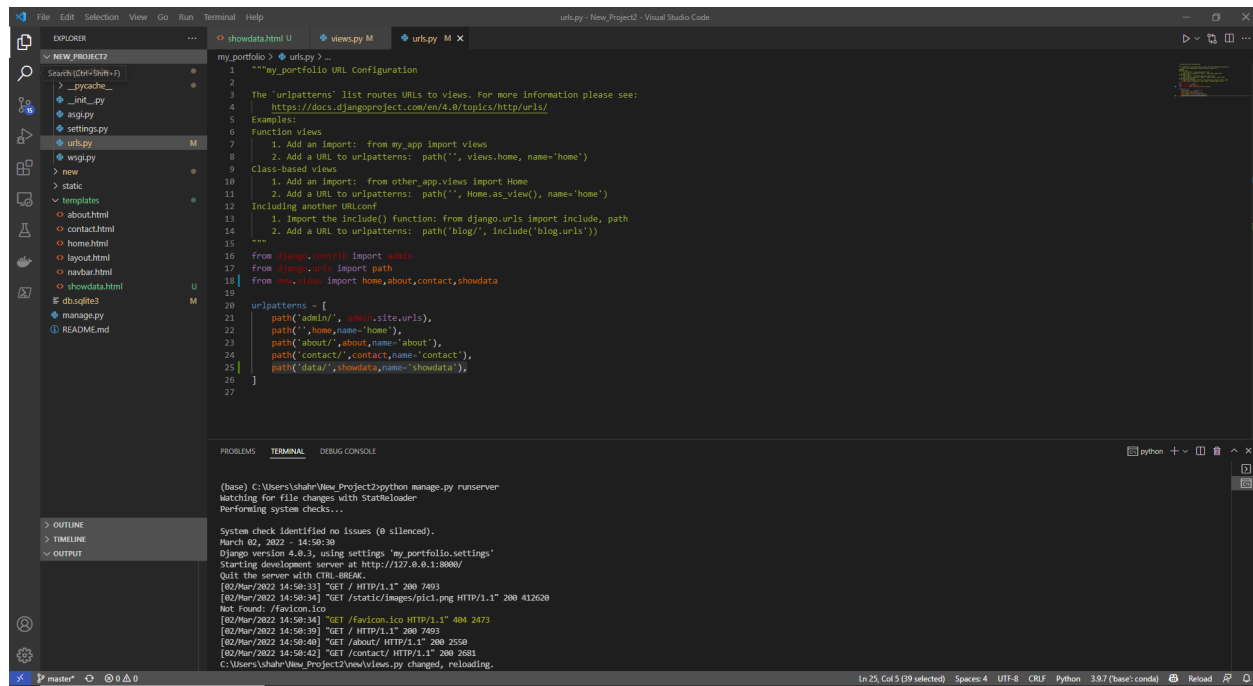
4. Go to **my_portfolio>urls.py** import our new function that we write inside the views.py.

```
from new.views import home, about, contact, showdata
```

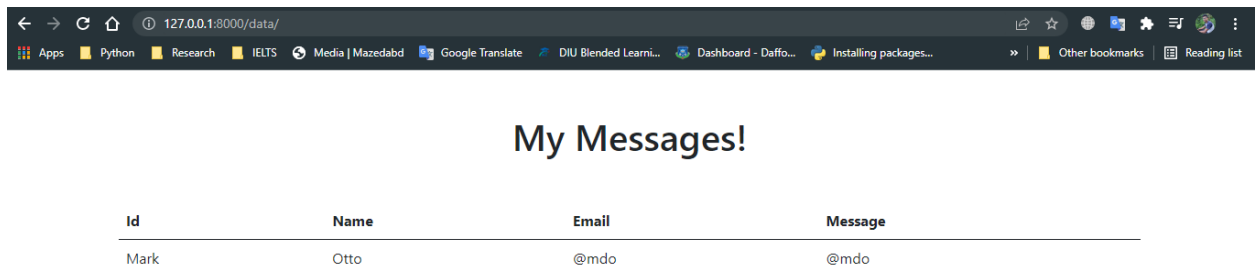
- a. Then inside the urlpatterns add a path for showdata-

```
path('data/', showdata, name='showdata'),
```

b. Now it looks like this



5. Start runserver & go to <http://127.0.0.1:8000/data/>

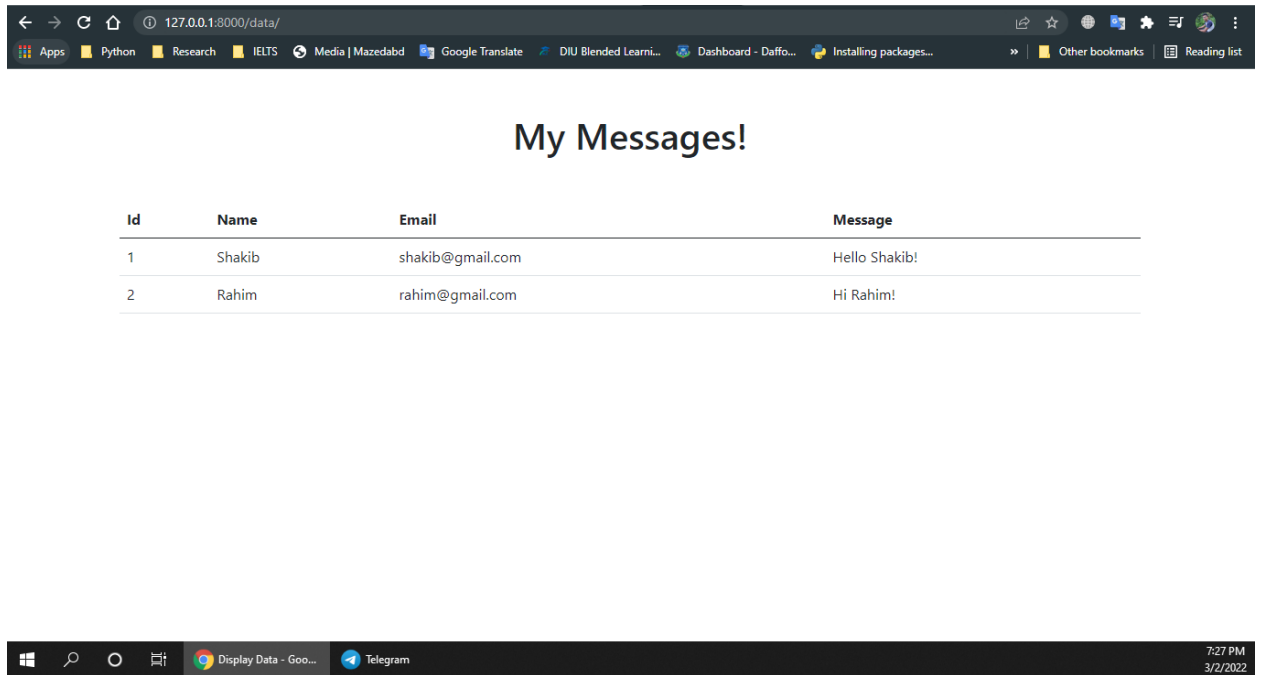


6. Again go to **new>views.py** and rewrite the function like below-

```
def showdata(request):
    contact = Contact.objects.all()
    #for i in contact:
    #print(i.name)
```

```
data = {'Contact':contact}
return render(request, 'showdata.html', data)
```

7. Then we have to rewrite the showdata.html file [click here](#) for the final html code.



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/data/'. The browser's bookmark bar includes links for 'Apps', 'Python', 'Research', 'IELTS', 'Media | Mazedabd', 'Google Translate', 'DIU Blended Learni...', 'Dashboard - Daffo...', and 'Installing packages...'. The main content area features a heading 'My Messages!' followed by a table with the following data:

Id	Name	Email	Message
1	Shakib	shakib@gmail.com	Hello Shakib!
2	Rahim	rahim@gmail.com	Hi Rahim!

The Windows taskbar at the bottom shows the 'Display Data - Goo...' and 'Telegram' tabs, with the system clock indicating 7:27 PM on 3/2/2022.

Great! Finally we retrieve our data from the database.

END